

























Accessories and Order Codes Slimline USB Floppy **AXXUSBFLOPPY** ATX I/O Shield and Gasket AALI0 Dual Gig I/O Expansion Module AXXGBIOMOD External 4 Port SAS AXXSASIOMOD Intel® Remote Management AXXRMM Module

A complete list of accessories and spares can be found at: www.intel.com/go/serverbuilder

Common Problems and Solutions

For a list of hardware components that have been tested with this system, see:

http://support.intel.com/support/motherboards/server/s5000pal/

- The system does not boot or show video at power-on.
- Check that +12V CPU power connector is plugged in. Without this cable the processor will not have any power.
- Beep code 4-3-2-1 in a system using a Dual-Core Intel® Xeon® processor 5000 sequence (minimum of 2,67 GHz) means you have unrecognized or bad memory.
- Remove and replace DIMMs one bank at a time to isolate which one is causing problems.
- Remember, all DIMMs must be:
- FBDIMM 533/667 MHz compliant 240-pin DIMMs
- The same speed.
- From the same manufacturer.
- Installed beginning with DIMM 1A.
- The system sometimes works, but is exhibiting erratic behavior. • This is typically the result of using an under-rated power supply.
- These fan connectors are NOT USED in an Intel® Server Chassis. For a non-Intel server chassis, see the documentation that came with your chassis for fan connection requirements. Note: Not all optional connections are shown in this diagram. Refer to the Reference section of this Quick Start User's Guide, vour Intel® Server Board S5000PAL Product Guide, and your server chassis documentation for additional connection

... Quick Reference

Required Connections for Selected Chassis

. Main Power Connector

D. Auxiliary Power Connector

I. Bridge Board Connector

Optional Connections

A. Optical Drive Connector

F. Serial ATA Connector(s)

System Fan Connections

E. Control Panel USB Connector

for Selected Chassis

G. Serial A Header





